

BOARD PRODUCT AND METHOD OF MAKING THE SAME

ABSTRACT OF THE DISCLOSURE

A method of forming a coated boxboard product is provided. A boxboard product is formed without being processed by a Yankee dryer, and further comprises a plurality of fiber plies, including outermost plies forming the top and back sides and comprised of bleached chemical pulp, and medial plies disposed between the outermost plies and comprised of at least one of groundwood, pressure groundwood, chemithermo-mechanical pulp, recycled pulp, and broke. The boxboard product is precalendered with a surface conditioning device and then coated such that the coated boxboard product has a density of between about 500 kg/m^3 and about 1000 kg/m^3 , and a basis weight of between about 150 g/m^2 and about 500 g/m^2 , and the top side of the coated boxboard product has a PPS-s10 roughness of between about $0.8 \text{ }\mu\text{m}$ and about $3.0 \text{ }\mu\text{m}$ and a Hunter gloss of between about 30% and about 80%.